FEDERAL ITEM IDENTIFICATION GUIDE

INDUSTRIAL FURNACE, KILNS, LEHRS AND OVENS

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Commander

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

Contents

GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

Index of Approved Item Names Covered by this FIIG
Applicability Key Index
Section I - Item Characteristics Data Requirements
Section III - New text that should be here.
Appendix A - Reply Tables
Appendix B - Reference Drawing Groups (as applicable)
Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign ($) for an OR condition, or a double dollar sign ($$) for an AND condition, (5) the mode code, (6) the response or reply code

(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

MRC	Mode Code	Requirement	Example
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

[Page Break]

MRC Index

INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

Approved Item Name	INC	App Key
BOILER, STEAM, HIGH PRESSURE	03292	AA

A closed metal vessel consisting of a drum(s) or shell and necessary tubes, fittings and direct connected end items. It is designed to convert water into steam by application of heat. Excludes low pressure boilers under 15 pounds (6.804 kg) per square inch (645.2 sq mm) gage steam pressure and evaporators.

CRUCIBLE, METAL MELTING FURNACE	07335	DA
HEAD, SOOT BLOWER	03286	EA

A mechanical device for the simultaneous control of the rotation and the admission of air or steam into a soot blower element.

Oven

1. A chamber of brick, stone, metal, or the like, used for baking, heating, or drying; hence, any hot air chamber used for such purposes. Use application modifiers.

OVEN (1), THERMAL DRYING, ELECTRIC	12824	BA

An oven capable of maintaining and confining heat intensities within close limits. It is designed to be used for aging, baking, curing, drying, heating, and/or testing various mechanical equipment or substances.

OVEN (1), THERMAL DRYING, ELECTRIC-OIL	14842	BC

An oven which contains both oil and electric unit(s) and so designed that heat is generated by either unit(s). It is designed primarily to dry or bake electric equipment in the field. Excludes food baking ovens.

OVEN (1), THERMAL DRYING, GAS BURNING	14840	BB

An oven in which heat is generated by a gas burning unit. It may be used for core, mold, coil, armature or paint baking, the preheating of plexi-glass or instrument drying. Excludes food baking ovens.

SHANK, CRUCIBLE	07336	FA

Excludes SHANK, LADLE BOWL

SOOT BLOWER ELEMENT	11285	CA

An item designed to distribute steam and/or air inside a boiler, for the purpose of cleaning tubes, and walls.

APPLICABILITY KEY INDEX

	AA
NAME	X
AWGH	AR
SHPE	AR
ARNH	AR
BLHL	X
ANCY	X
BKXM	AR
BLHN	AR
BJDW	X
BLHQ	X
ASND	X
ASQR	AR
BLHS	AR
ASQS	AR
BLHW	AR
BLHX	X
BLHY	X
AKYD	AR
ACDC	AR
AMSE	AR
ACZB	AR
FAAZ	AR
BLJC	X
BLSG	X
AXGY	AR
BLSH	X
BLSK	X
BLSL	X
BLSM	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ELRN	AR
ELCD	AR
AFJK	AR
AWJN	AR
SUPP	AR
ZZZP	AR
FCLS	AR
FTLD	AR

TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZV	AR
AGAV	AR

	BA	BB	BC
NAME	X	X	X
BHGT	X	X	X
BLSN	X	X	X
BDWW	X	AR	X
ACDC	X	AR	X
ELEC	X	AR	X
FREQ	X	AR	X
FAAZ	X	AR	X
BLHS			X
AEHZ	X	X	X
BLSQ	X	X	X
BBWM	X	X	X
ADJT	AR	AR	AR
AFEF	AR	AR	AR
AFMQ	AR	AR	AR
ABMK	AR	AR	AR
ABFY	AR	AR	AR
ABKW	AR	AR	AR
BLSR	X	X	X
BLST	X	X	X
BJPB	AR	AR	AR
BLSX	X	X	X
BLSY	AR	AR	AR
BLSZ	X	X	X
BLTB	AR	AR	AR
BLTC	AR	AR	AR
AKYD	AR	AR	AR
FEAT	AR	AR	AR
TEST	AR	AR	AR
SPCL	AR	AR	AR
ZZZK	AR	AR	AR
ZZZT	AR	AR	AR
ZZZW	AR	AR	AR
ZZZX	AR	AR	AR
ZZZY	AR	AR	AR
CRTL	AR	AR	AR
PRPY	AR	AR	AR
ENAC	AR	AR	AR
ELRN	AR	AR	AR
ELCD	AR	AR	AR
AFJK	AR	AR	AR
AWJN	AR	AR	AR
SUPP	AR	AR	AR
ZZZP	AR	AR	AR
FCLS	AR	AR	AR
FTLD	AR	AR	AR
TMDN	AR	AR	AR
RTSE	AR	AR	AR
RDAL	AR	AR	AR
NTRD	AR	AR	AR
ZZZV	AR	AR	AR
AGAV	AR	AR	AR

	CA
NAME	X
MATL	X
ARRX	AR
SURF	AR
ADBQ	X
ABHP	X
BLTF	X
BLTG	X
BLTH	X
BLTK	AR
BLTL	X
BBSL	X
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ELRN	AR
ELCD	AR
AFJK	AR
AWJN	AR
SUPP	AR
ZZZP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZV	AR
AGAV	AR

	DA
NAME	X
MATL	X
AJXE	X
AXQD	X
HGTH	AR
AJQL	AR
BLTM	AR
BLTN	AR
AJNY	AR
BLTP	AR
BLTQ	AR
AQHT	X
APGF	AR
AGUC	AR
AGXZ	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ELRN	AR
ELCD	AR
AFJK	AR
AWJN	AR
SUPP	AR
ZZZP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZV	AR
AGAV	AR

	EA
NAME	X
BLTR	X
BLTS	AR
AAFZ	X
BLTT	X
BLTW	X
AGUC	AR
AGXZ	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ELRN	AR
ELCD	AR
AFJK	AR
AWJN	AR
SUPP	AR
ZZZP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZV	AR
AGAV	AR

	FA
NAME	X
STYL	X
ADQF	AR
BLTD	X
AGUC	AR
AGXZ	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ELRN	AR
ELCD	AR
AFJK	AR
AWJN	AR
SUPP	AR
ZZZP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZV	AR
AGAV	AR

[Page Break]

Body

SECTION: A

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED03292*)

ALL*

AWGH	D	TUBE TYPE

Definition: INDICATES THE TYPE OF TUBE PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWGHDGQ*)

REPLY CODE	REPLY (AA62)
GP	FIRE
GQ	WATER

ALL*

SHPE	D	SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., SHPEDBK*; SHPEDBK$DFQ*)

REPLY CODE	REPLY (AD07)
GH	BENT
FQ	COIL
BK	STRAIGHT

APP Key	MRC	Mode Code	Requirements

ALL*

ARNH D OPERATING POSITION

Definition: THE POSITION IN WHICH THE ITEM IS DESIGNED TO OPERATE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARNHDAB*; ARNHDAC$DCC*)

REPLY CODE	REPLY (AF63)
AC	HORIZONTAL
CC	INCLINED
AB	VERTICAL

ALL

BLHL J STEAM CAPACITY

Definition: THE AMOUNT OF STEAM FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BLHLJEPA4650.000*; BLHLJGQA140000.0*; BLHLJEPB4600.000$$JEPC4700.000*)

For items that are not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., BLHLKN*)

Table 1

REPLY CODE	REPLY (AG67)
	HOUR
GQ	KILOGRAMS PER
EP	POUNDS PER HOUR

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ANCY B HORSEPOWER RATING

APP Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF THE RATED HORSEPOWER OF THE ITEM.

Reply Instructions: Enter the numeric value. (e.g., ANCYB30.0*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., ANCYKN*)

ALL*

BKXM A DRUM QUANTITY

Definition: THE NUMBER OF DRUMS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BKXMA2*)

ALL*

BLHN D HEADER CONSTRUCTION

Definition: THE STRUCTURAL CHARACTERISTIC(S) OF THE HEADER.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLHNDA*; BLHNDABD$DAEE*)

REPLY CODE	REPLY (AL59)
A	ANY ACCEPTABLE
ABD	ONE-PIECE
AEE	SECTIONAL

ALL

BJDW J MAXIMUM OPERATING PRESSURE

Definition: THE MAXIMUM PRESSURE AT WHICH THE ITEM IS DESIGNED TO OPERATE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BJDWJEH600.0*; BJDWJEG750.0*)

REPLY CODE	REPLY (AJ20)
EG	KILOGRAMS PER SQUARE CENTIMETER GAGE
EH	POUNDS PER SQUARE INCH GAGE

APP Key	MRC	Mode Code	Requirements

ALL

BLHQ J MAXIMUM SUPERHEATED STEAM TEMP RATING

Definition: THE MAXIMUM SUPERHEATED STEAM TEMPERATURE FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BLHQJBF75.0*; BLHQJBE50.0*)

For items that are not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., BLHQKN*)

REPLY CODE	REPLY (AB49)
BE	DEG CELSIUS
BF	DEG FAHRENHEIT

ALL

ASND D DRAFT TYPE

Definition: INDICATES THE TYPE OF DRAFT FOR WHICH DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ASNDDAB*; ASNDDAB$DAC*)

REPLY CODE	REPLY (AL51)
AB	FORCED
AD	INDUCED
AC	NATURAL

ALL*

ASQR D FIRING TYPE

Definition: INDICATES THE TYPE OF FIRING.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ASQRDJ*; ASQRDA$DJ*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AA94)
Z	ANY ACCEPTABLE
J	COAL
A	HOT WATER
H	OIL

NOTE FOR MRCS BLHS, ASQS, AND BLHW: IF REPLY CODE H IS ENTERED FOR MRC ASQR, REPLY TO MRC BLHS. IF REPLY CODE J IS ENTERED FOR MRC ASQR, REPLY TO MRCS ASQS AND BLHW.

ALL* (See Note Above)

BLHS A OIL BURNER QUANTITY

Definition: THE NUMBER OF OIL BURNERS PROVIDED WITH THE ITEM.

Reply Instructions: Enter the quantity. (e.g., BLHSA2*)

ALL* (See Note Preceding MRC BLHS)

ASQS D COAL FIRING METHOD

Definition: THE MEANS USED FOR COAL FIRING.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ASQSDAC*)

REPLY CODE	REPLY (AL88)
A	ANY ACCEPTABLE
AC	HAND
AE	STOKER

ALL* (See Note Preceding MRC BLHS)

BLHW A STOKER QUANTITY

Definition: THE NUMBER OF STOKERS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BLHWA2*)

ALL

BLHX D WATERWALLS

APP Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF WHETHER OR NOT WATERWALLS ARE PROVIDED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLHXDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL

BLHY D FORCED CIRCULATION FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A FORCED CIRCULATION FEATURE IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLHYDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL*

AKYD G ACCESSORY COMPONENTS AND QUANTITY

Definition: THE NAME AND NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the reply in clear text. (e.g., AKYDGECONOMIZER 1*)

ALL*

ACDC D CURRENT TYPE

Definition: INDICATES THE TYPE OF CURRENT WHETHER ALTERNATING, DIRECT, OR BOTH.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ACDCDB*; ACDCDB$DC*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AB62)
B	AC
C	DC

ALL*

AMSE J VOLTAGE RATING

Definition: THE VALUE(S) OF POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AMSEJVA110.0*; AMSEJKA1.0*; AMSEJVB110.0$$JVC220.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ACZB J FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH AN ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACZBJEA60.0*; ACZBJKA1000.0*; ACZBJEB60.0$$JEC70.0*)

Table 1

REPLY CODE	REPLY (AC32)
E	HERTZ
K	KILOHERTZ

Table 2

REPLY CODE	REPLY (AC20)

APP Key	MRC	Mode Code	Requirements
		A	NOMINAL
		B	MINIMUM
		C	MAXIMUM

ALL*

FAAZ D PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FAAZDC*; FAAZDB$DC*)

REPLY CODE	REPLY (AD02)
A	SINGLE
C	THREE
B	TWO

ALL

BLJC D IGNITION METHOD

Definition: THE MEANS USED FOR PURPOSES OF IGNITING.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLJCDCF*; BLJCDCF$DCS*)

REPLY CODE	REPLY (AC58)
CS	ELECTRICAL
CF	MANUAL

ALL

BLSG D MARINE SERVICE DESIGN FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A MARINE SERVICE DESIGN FEATURE IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLSGDB*)

REPLY CODE	REPLY (AB22)

APP Key	MRC	Mode Code	Requirements
		C	NOT PROVIDED
		B	PROVIDED

ALL*

AXGY D MOUNTING METHOD

Definition: THE MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AXGYDABB*; AXGYDABB$$DBCK*)

REPLY CODE	REPLY (AM39)
ABB	BASE
ANY	FLOOR
BCJ	SKID
BCK	STEEL FRAME
BCH	TWO-WHEEL TRAILER

ALL

BLSH D MAINTENANCE PARTS

Definition: AN INDICATION OF WHETHER OR NOT MAINTENANCE PARTS ARE PROVIDED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLSHDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL

BLSK D PACKAGED BOILER

Definition: AN INDICATION OF WHETHER OR NOT A PACKAGED BOILER IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLSKDB*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL

BLSL D SUPERHEATER

Definition: AN INDICATION OF WHETHER OR NOT A SUPERHEATER IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLSLDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

NOTE FOR MRC BLSM: REPLY TO THIS MRC IF REPLY CODE B IS ENTERED FOR MRC BLSL.

ALL* (See Note Above)

BLSM D SEPARATELY FIRED FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A SEPARATELY FIRED FEATURE IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLSMDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

SECTION: B

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED12824*)

ALL

BHGT	D	CIRCULATION METHOD

Definition: THE MEANS USED TO PROVIDE CIRCULATION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BHGTDAP*; BHGTDAN$$DAP*)

REPLY CODE	REPLY (AM42)
AN	FORCED
AP	NATURAL

ALL

BLSN	D	WORK PROTECTION FROM HEAT SOURCE

Definition: THE EXTENT OF WORK PROTECTION PROVIDED FROM THE HEAT SOURCE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLSNDC*; BLSNDB$DC*)

REPLY CODE	REPLY (AD33)
C	COMPLETE
B	PARTIAL

BA, BB*, BC

BDWW	J	WATTAGE RATING

APP Key	MRC	Mode Code	Requirements

Definition: THE RATED POWER THAT AN ITEM CAN SAFELY CONSUME OR PROVIDE

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BDWWJBC5.5*; BDWWJAT750.0*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., BDWWKN*)

REPLY CODE	REPLY (AB49)
BC	KILOWATTS
AT	WATTS

BA, BB*, BC

ACDC D CURRENT TYPE

Definition: INDICATES THE TYPE OF CURRENT WHETHER ALTERNATING, DIRECT, OR BOTH.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ACDCDC*; ACDCDB$DC*)

REPLY CODE	REPLY (AB62)
B	AC
C	DC

BA, BB*, BC

ELEC B VOLTAGE IN VOLTS

Definition: THE TOTAL ELECTRICAL VOLTAGE.

Reply Instructions: Enter the voltage required to operate the unit. If multiple voltages are given for the same type of current, use AND coding ($$) entering voltages in ascending order. If the multiple voltages given represent AC and DC currents, use AND coding ($$), entering the AC voltages first, regardless of the value. (e.g., ELECB12.0*; ELECB220.0$$B440.0*)

BA, BB*, BC

FREQ B FREQUENCY IN HERTZ

APP Key	MRC	Mode Code	Requirements

Definition: THE CYCLES PER SECOND (HERTZ) OF THE ALTERNATING CURRENT.

Reply Instructions: Enter the numeric value. (e.g., FREQB400.0*)

BA, BB*, BC

FAAZ D PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FAAZDC*; FAAZDB$DC*)

REPLY CODE	REPLY (AD02)
A	SINGLE
C	THREE
B	TWO

BC

BLHS A OIL BURNER QUANTITY

Definition: THE NUMBER OF OIL BURNERS PROVIDED WITH THE ITEM.

Reply Instructions: Enter the quantity. (e.g., BLHSA2*)

ALL

AEHZ J MAXIMUM OPERATING TEMP

Definition: THE MAXIMUM TEMPERATURE FOR WHICH THE ITEM IS RATED TO OPERATE FOR AN EXTENDED PERIOD OF TIME.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AEHZJF302.0*; AEHZJC150.0*)

REPLY CODE	REPLY (AB36)
C	DEG CELSIUS
F	DEG FAHRENHEIT

ALL

APP Key	MRC	Mode Code	Requirements
	BLSQ	J	NORMAL OPERATING TEMP RANGE

Definition: THE MINIMUM AND MAXIMUM LIMITS OF TEMPERATURE AT WHICH THE ITEM IS NORMALLY OPERATED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value, separated by a slash. Precede positive values with a P. (e.g., BLSQJFP200.0/P400.0*; BLSQJCP100.0/P200.0*)

REPLY CODE	REPLY (AB36)
C	DEG CELSIUS
F	DEG FAHRENHEIT

ALL

BBWM	D	TEMP CONTROL METHOD

Definition: THE MEANS USED TO CONTROL THE TEMPERATURE OF AN ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBWMDA*; BBWMDF$DG*)

REPLY CODE	REPLY (AD16)
A	ANY ACCEPTABLE
F	AUTOMATIC
G	MANUAL

FOR CABINET INSIDE DIMENSIONS THE WIDTH WILL BE MEASURED FROM SIDE TO SIDE; DEPTH, FROM FRONT TO REAR; HEIGHT, FROM TOP TO BOTTOM.

ALL* (See Note Above)

ADJT	J	INSIDE WIDTH

Definition: AN INSIDE MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADJTJAA36.000*; ADJTJLA105.5*; ADJTJAB10.000$$JAC20.000*)

Table 1

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC ADJT)

AFEF J INSIDE DEPTH

Definition: AN INSIDE MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AFEFJAA24.000*; AFEFJLA200.5*; AFEFJAB10.000$$JAC20.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC ADJT)

AFMQ J INSIDE HEIGHT

Defintion: AN INSIDE MEASUREMENT FROM THE BOTTOM TO THE TOP OF AN ITEM, IN DISTINCTION FROM DEPTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AFMQJAA36.000*; AFMQJLA105.5*; AFMQJAB10.000$$JAC20.000*)

Table 1

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC ADJT)

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA50.8*; ABMKJAB1.000$$JAC2.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC ADJT)

ABFY J OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA2.400*; ABFYJLA50.8*; ABFYJAB1.200$$JAC2.100*)

Table 1

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC ADJT)

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA60.1*; ABKWJAB1.100$$JAC2.200*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

BLSR D CABINET DOUBLE WALL CONSTRUCTION

Definition: AN INDICATION OF WHETHER OR NOT A DOUBLE WALL CONSTRUCTED CABINET IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLSRDB*)

REPLY CODE	REPLY (AB22)

APP Key	MRC	Mode Code	Requirements
		C	NOT PROVIDED
		B	PROVIDED

ALL

BLST D INSULATED CABINET

Definition: AN INDICATION OF WHETHER OR NOT AN INSULATED CABINET IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLSTDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL*

BJPB A CABINET DOOR QUANTITY

Definition: THE NUMBER OF CABINET DOORS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BJPBA2*)

ALL

BLSX D CABINET EXHAUST VENT

Definition: AN INDICATION OF WHETHER OR NOT A CABINET EXHAUST VENT IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLSXDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

NOTE FOR MRC BLSY: REPLY TO THIS MRC IF REPLY CODE B IS ENTERED FOR MRC BLSX.

APP Key	MRC	Mode Code	Requirements

ALL* (See Note Above)

BLSY D ADJUSTABLE OPENING

Definition: AN INDICATION OF WHETHER OR NOT AN ADJUSTABLE OPENING IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLSYDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL

BLSZ D CABINET FRESH AIR INTAKE

Definition: AN INDICATION OF WHETHER OR NOT A CABINET FRESH AIR INTAKE IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLSZDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

NOTE FOR MRC BLTB: REPLY TO THIS MRC IF REPLY CODE B IS ENTERED FOR MRC BLSZ.

ALL* (See Note Above)

BLTB D FRESH AIR INTAKE ADJUSTABLE OPENING

Definition: AN INDICATION OF WHETHER OR NOT A FRESH AIR INTAKE ADJUSTABLE OPENING IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLTBDB*)

REPLY CODE	REPLY (AB22)

APP Key	MRC	Mode Code	Requirements
		C	NOT PROVIDED
		B	PROVIDED

ALL*

BLTC D THERMOMETER TYPE

Definition: INDICATES THE TYPE OF THERMOMETER PROVIDED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLTCDBQ*; BLTCDBQ$DCT*)

REPLY CODE	REPLY (AC58)
A	ANY ACCEPTABLE
BQ	FLUID
CT	MECHANICAL

ALL*

AKYD G ACCESSORY COMPONENTS AND QUANTITY

Definition: THE NAME AND NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the reply in clear text. (e.g., AKYDGCOMPRESSOR UNIT 1*)

SECTION: C

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED11285*)

ALL			
	MATL	D	MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., MATLDA*; MATLDCH0000$$DST0000*; MATLDCH0000$DST0000*)

REPLY CODE	REPLY (AD09)
A	ANY ACCEPTABLE
CH0000	CHROME
CHE000	CHROME ALLOY
ST0000	STEEL
STB496	STEEL, MIL-T-20157, TYPE D

ALL*			
	ARRX	G	CHEMICAL COMPOSITION PERCENTAGE

Definition: THE ELEMENT(S) USED IN THE FABRICATION OF THE ITEM, EXPRESSED IN PERCENT.

Reply Instructions: Enter the reply in clear text.

(e.g., ARRXGCR-22 PCT MIN, NL-0.50 PCT MAX, C-0.25 PCT MAX, S0.035 PCT MAX, P-0.035 PCT MAX, REMAINDER 77.18 PCT*)

ALL*			
	SURF	D	SURFACE TREATMENT

APP Key	MRC	Mode Code	Requirements

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., SURFDA*; SURFDAZ0000$$DCH0000*; SURFDAZ0000$DCH0000*)

REPLY CODE	REPLY (AD09)
AZ0000	ALUMINIZED
A	ANY ACCEPTABLE
CH0000	CHROME

ALL

ADBQ J OUTSIDE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE ITEM, AND TERMINATES AT THE OUTSIDE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ADBQJA1.500*; ADBQJL36.6*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

ALL

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJFA7.000*; ABHPJMA6.5*; ABHPJFB6.950$$JFC7.000*)

Measurement to exclude coupling. Refer to Appendix C, Table 2, for conversion.

Table 1

REPLY CODE	REPLY (AA05)

APP Key	MRC	Mode Code	Requirements
		F	FEET
		M	METERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

BLTF J NOZZLE SIZE

Definition: DESIGNATES THE SIZE OF THE RELATIVE OR PROPORTIONATE DIMENSIONS OF THE NOZZLE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BLTFJA0.344*; BLTFJL9.5*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

ALL

BLTG D NOZZLE TYPE

Definition: INDICATES THE TYPE OF NOZZLE PROVIDED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLTGDARZ*; BLTGDANE$DARY*)

REPLY CODE	REPLY (AK95)
ANE	FLUSH
ARY	FLUSH GROUND
ARZ	VENTURI
ASA	WELDED PAD

ALL

BLTH J NOZZLE QUANTITY AND LOCATION

APP Key	MRC	Mode Code	Requirements

Definition: THE NUMBER OF NOZZLES PROVIDED AND THE LOCATION.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the quantity. (e.g., BLTHJBML14$$JBMM12*)

First row is identified by nozzle nearest coupling end. Second row is identified by nozzle nearest closed end.

REPLY CODE	REPLY (AJ91)
BML	FIRST ROW
BMM	SECOND ROW

ALL*

BLTK G NOZZLE SPACING

Definition: THE SPACING BETWEEN THE NOZZLES.

Reply Instructions: Enter the reply in clear text.

(e.g., BLTKGFIRST ROW COUPLING END TO FIRST NOZZLE 23-1/16 IN; FIRST TO TWENTY-THIRD NOZZLE, 3-1/16 IN.*)

ALL

BLTL D CLOSED END TYPE

Definition: INDICATES THE TYPE OF CLOSED END PROVIDED ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLTLDAJ*; BLTLDAJ$DAQ*)

REPLY CODE	REPLY (AK16)
BC	PLUG
AJ	ROLLED
AQ	SPUN

ALL

BBSL D COUPLER

Definition: AN INDICATION OF WHETHER OR NOT A COUPLER IS INCLUDED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBSLDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

SECTION: D

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED07335*)

ALL			
	MATL	D	MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., MATLDA*; MATLDKYD000$$DSLF000*; MATLDKYD000$DSLF000*)

REPLY CODE	REPLY (AD09)
A	ANY ACCEPTABLE
KYD000	CLAY, GRAPHITE
SLF000	SILICON CARBIDE
SLR000	SILICON CARBIDE, BONDED

ALL			
	AJXE	A	SIZE DESIGNATOR

Definition: A DESIGNATION INDICATING THE SIZE BY WHICH THE ITEM IS COMMERCIALLY KNOWN AND/OR IDENTIFIED.

Reply Instructions: Enter the size.

(e.g., AJXEA545-R-35*)

ALL			
	AXQD	J	CAPACITY

Definition: A MEASUREMENT OF THE CAPACITY OF AN ITEM.

APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AXQDJGR28.0*; AXQDJGS50.8*)

REPLY CODE	REPLY (AG67)
GS	KILOGRAMS OF WATER
GR	POUNDS OF WATER

ALL*

HGTH J HEIGHT

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF AN OBJECT, IN DISTINCTION FROM DEPTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., HGTHJAA0.250*; HGTHJLA7.5*; HGTHJAB0.500$$JAC0.800*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AJQL J TOP DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR TOP, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AJQLJAA10.813*; AJQLJLA75.8*; AJQLJAB10.000$$JAC12.000*)

Table 1

REPLY CODE	REPLY (AA05)

APP Key	MRC	Mode Code	Requirements
		A	INCHES
		L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

BLTM J BILGE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE BILGE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BLTMJAA11.688*; BLTMJLA56.8*; BLTMJAB10.000$$JAC12.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

BLTN J BOTTOM DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE BOTTOM, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BLTNJAA8.563*; BLTNJLA104.8*; BLTNJAB2.000$$JAC3.500*)

APP Key	MRC	Mode Code	Requirements

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AJNY D LINING MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE LINING IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJNYDMGB000*)

REPLY CODE	REPLY (AD09)
A	ANY ACCEPTABLE
MGB000	MAGNESIUM OXIDE

ALL*

BLTP D POURING LIP DESIGN

Definition: THE DESIGN OF THE POURING LIP PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLTPDA*; BLTPDAT$DAW*)

REPLY CODE	REPLY (AM13)
A	ANY ACCEPTABLE
AT	LONG
AW	SHORT

ALL*

APP Key	MRC	Mode Code	Requirements
	BLTQ	D	POURING LIP TYPE

Definition: INDICATES THE TYPE OF POURING LIP PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLTQDA*; BLTQDAB$DAC*)

REPLY CODE	REPLY (AH97)
A	ANY ACCEPTABLE
AC	DETACHABLE
AB	INTEGRAL

ALL

	AQHT	D	COVER

Definition: AN INDICATION OF WHETHER OR NOT A COVER IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AQHTDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL*

	APGF	D	DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDBKS*; APGFDBKS$DBKT*)

REPLY CODE	REPLY (AK54)
A	ANY ACCEPTABLE
BKS	BOTTOM POURING
BKT	SELF-SKIMMING

ALL*

APP Key	MRC	Mode Code	Requirements
	AGUC	A	UNIT PACKAGE QUANTITY

Definition: THE NUMBER OF ITEMS CONTAINED IN THE UNIT PACKAGE.

Reply Instructions: Enter the quantity. (e.g., AGUCA2*)

ALL*

	AGXZ	D	UNIT PACKAGE TYPE

Definition: INDICATES THE TYPE OF CONTAINER IN WHICH THE ITEM OF SUPPLY IS PACKAGED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AGXZDAB*; AGXZDAB$$DAJ*)

REPLY CODE	REPLY (AE96)
A	ANY ACCEPTABLE
AB	BOX
AJ	CARTON

SECTION: E

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED03286*)

ALL			
	BLTR	D	OPERATING PRESSURE TYPE

Definition: INDICATES THE TYPE OF OPERATING PRESSURE PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLTRDA*; BLTRDAA$DBN*)

REPLY CODE	REPLY (AC58)
AA	AIR
A	ANY ACCEPTABLE
BN	STEAM

ALL*			
	BLTS	D	CONTROL VALVE OPERATION METHOD

Definition: THE MEANS USED TO OPERATE THE CONTROL VALVE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLTSDAE*; BLTSDAE$DNS*)

REPLY CODE	REPLY (AC58)
A	ANY ACCEPTABLE
AW	AUTOMATIC
GD	CRANK
NT	ENDLESS CHAIN
AE	HANDWHEEL
CL	SEMIAUTOMATIC
BN	STEAM
NS	STEAM CHAIN

APP Key	MRC	Mode Code	Requirements

ALL

AAFZ D BODY MATERIAL

Definition: THE BASIC MATERIAL OF WHICH THE ITEM IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AAFZDST0000*; AAFZDSTAAAD$$DST1052*; AAFZDSTAAAD$DST0000*)

REPLY CODE	REPLY (AD09)
A	ANY ACCEPTABLE
STAAAD	CARBON MOLYBDENUM STEEL
ST0000	STEEL
ST1052	STEEL, CARBON

ALL

BLTT D CAM ROTATION DIRECTION

Definition: THE DIRECTION OF ROTATION FOR WHICH THE CAM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BLTTDK*; BLTTDK$DM*)

REPLY CODE	REPLY (AA38)
A	ANY ACCEPTABLE
K	CLOCKWISE
M	COUNTERCLOCKWISE

ALL

BLTW B CAM ROTATION IN DEG

Definition: THE CAM ROTATION, EXPRESSED IN DEGREES.

Reply Instructions: Enter the numeric value. (e.g., BLTWB180.0*)

ALL*

AGUC A UNIT PACKAGE QUANTITY

Definition: THE NUMBER OF ITEMS CONTAINED IN THE UNIT PACKAGE.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the quantity. (e.g., AGUCA2*)

ALL*

AGXZ D UNIT PACKAGE TYPE

Definition: INDICATES THE TYPE OF CONTAINER IN WHICH THE ITEM OF SUPPLY IS PACKAGED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AGXZDAB*; AGXZDAB$DAJ*)

REPLY CODE	REPLY (AE96)
A	ANY ACCEPTABLE
AB	BOX
AJ	CARTON

SECTION: F

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED07336*)

ALL			
	STYL	L	DESIGNATOR

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE ITEM.

Reply Instructions: Enter the applicable style number from Appendix B , Reference Drawing Group A. (e.g., STYLL3*; STYLL3$L4*)

NOTE FOR MRC ADQF: REPLY TO THIS MRC IF STYLE 1 IS ENTERED FOR MRC STYL.

ALL* (See Note Above)			
	ADQF	D	HANDLE TYPE

Definition: INDICATES THE TYPE OF HANDLE DESIGNED TO BE ATTACHED TO OR THROUGH AN ITEM FOR THE PURPOSE OF OPENING, LIFTING, CLOSING, OR THE LIKE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ADQFDDG*; ADQFDBG$DDG*)

REPLY CODE	REPLY (AC55)
A	ANY ACCEPTABLE
DG	HOLLOW
BG	SOLID

ALL			
	BLTD	A	CRUCIBLE SIZE DESIGNATOR FOR WHICH DESIGNED

APP Key	MRC	Mode Code	Requirements

Definition: A DESIGNATION INDICATING THE SIZE BY WHICH THE CRUCIBLE, FOR WHICH THE ITEM IS DESIGNED, IS COMMERCIALLY KNOWN AND/OR IDENTIFIED.

Reply Instructions: Enter the size designator. (e.g., BLTDA80*)

ALL*

AGUC A UNIT PACKAGE QUANTITY

Definition: THE NUMBER OF ITEMS CONTAINED IN THE UNIT PACKAGE.

Reply Instructions: Enter the quantity. (e.g., AGUCA2*)

ALL*

AGXZ D UNIT PACKAGE TYPE

Definition: INDICATES THE TYPE OF CONTAINER IN WHICH THE ITEM OF SUPPLY IS PACKAGED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AGXZDAB*; AGXZDAB$DAJ*)

REPLY CODE	REPLY (AE96)
A	ANY ACCEPTABLE
AB	BOX
AJ	CARTON

SECTION: STANDARD

APP Key	MRC	Mode Code	Requirements
ALL*			
	FEAT	G	SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

ALL*			
	TEST	J	TEST DATA DOCUMENT

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;

TESTJA1234A-654321$$JB5556A-663654*;

TESTJAA2345-654321$JB55566-663654*)

REPLY CODE	REPLY (AC28)
C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications,

APP Key	MRC	Mode Code	Requirements
			reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.)
		B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)

ALL*

SPCL G SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL*

ZZZK J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B$$JP80205-NAS1103*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AN62)
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICIATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL* (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1$$JSTA*; ZZZTJTY1$JSTA*)

ALL*

ZZZW G DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)

APP Key	MRC	Mode Code	Requirements
ALL*			
	ZZZX	G	DEPARTURE FROM CITED DESIGNATOR
			Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.
			Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)
ALL*			
	ZZZY	G	REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS
			Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.
			Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)
ALL*			
	CRTL	A	CRITICALITY CODE JUSTIFICATION
			Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.
			Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL$$ASURF*)
			Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.
NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.			
ALL* (See Note Above)			

APP Key	MRC	Mode Code	Requirements
	PRPY	A	PROPRIETARY CHARACTERISTICS

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding ($$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL$$ASURF*)

NOTE FOR MRC ENAC: ANSWERING THIS MRC WILL GENERATE AN ENAC CODE IN THE ITEM IDENTIFICATION SEGMENT (A) OF THE NSN.

ALL* (See Note Above)

	ENAC	D	ENVIRONMENTAL ATTRIBUTE CODE

Definition: INDICATES THE TYPE OF PRODUCT THAT MEETS OR EXCEEDS THE GOVERNMENT GUIDELINES FOR ENVIRONMENTALLY PREFERRED CHARACTERISTICS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ENACDHF*)

REPLY CODE	REPLY (EN02)
LN	*ENERGY EFFICIENT - ENERGY STAR –HEATING & COOLING – BOILERS*
HF	*ENERGY EFFICIENT – FEMP - COMMERCIAL AND INDUSTRIAL EQUIPMENT - BOILERS*
NR	*REVIEWED – DOES NOT MEET SOME ENAC CRITERIA*

ALL*

	ELRN	G	EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code. (e.g., ELRNGANN112036BIL060557LEN0313605UZ062365*)

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL*

ELCD D EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

REPLY CODE	REPLY (AN58)
A	ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD

SECTION: SUPPTECH

APP Key	MRC	Mode Code	Requirements
ALL			
	AFJK	J	CUBIC MEASURE

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFJKJF1.0219*; AFJKJE1.0*)

REPLY CODE	REPLY (AD42)
F	CUBIC FEET
E	CUBIC METERS

ALL

AWJN	J	UNPACKAGED UNIT WEIGHT

Definition: THE MEASURED WEIGHT OF AN ITEM UNENCUMBERED BY PACKAGING OR PACKING MATERIAL.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AWJNJAS0.500*; AWJNJAJ12.7*)

For items indicating pounds and ounces, see Appendix C, Table 3, for conversion.

REPLY CODE	REPLY (AG67)
AJ	KILOGRAMS
AS	POUNDS

ALL

SUPP	G	SUPPLEMENTARY FEATURES

Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.

APP Key	MRC	Mode Code	Requirements
			Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)
ALL			
	ZZZP	J	PURCHASE DESCRIPTION IDENTIFICATION
			Definition: THE CONTROLLING ACTIVITY AND IDENTIFICATION OF A DOCUMENT USED IN LIEU OF A SPECIFICATION IN THE PROCUREMENT OF AN ITEM OF SUPPLY.
			Reply Instructions: Enter the 5-position Commercial and Government Entity (CAGE) Code, followed by a dash and the identifying number of the document.
			(e.g., ZZZPJ81A37-30624A*)
ALL			
	FCLS	A	FUNCTIONAL CLASSIFICATION
			Definition: THE ALPHA-NUMERIC DESIGNATION THAT IDENTIFIES THE CLASSIFICATION OF THE ITEM ACCORDING TO THE CATEGORY OF FUNCTIONS PERFORMED.
			Reply Instructions: Enter the reply from the applicable document.
			(e.g., FCLSAHH-1.5*)
ALL			
	FTLD	G	FUNCTIONAL DESCRIPTION
			Definition: DESCRIBES THE CAPABILITIES, INTENDED USE, AND/OR PURPOSE FOR WHICH THE ITEM IS PROVIDED.
			Reply Instructions: Enter description of function as concisely as possible. (e.g., FTLDGUSED TO INSTALL/REMOVE ENGINE NACELLE*)
ALL			
	TMDN	A	TYPE/MODEL DESIGNATION
			Definition: THE ALPHA-NUMERIC-ALPHA DESIGNATION USED TO IDENTIFY THE TYPE AND/OR MODEL OF THE BASIC ITEM.
			Reply Instructions: Enter the appropriate designation data.

APP Key	MRC	Mode Code	Requirements
	(e.g., TMDNAMSV-615/M*)		
ALL			
	RTSE	G	RELATIONSHIP TO SIMILAR EQUIPMENT
	Definition: INDICATES THE RELATIONSHIP, SUCH AS CONSTRUCTION, CAPABILITIES, AND THE LIKE, OF THE ITEM TO A SIMILAR ITEM.		
	Reply Instructions: Enter concise statement for similar item including name and identifying data.		
	(e.g., RTSEGSIMILAR TO LOCKHEED OVERWING ENGINE HOIST P/N 61521-58*)		
ALL			
	RDAL	G	REFERENCE DATA AND LITERATURE
	Definition: LITERATURE AND REFERENCES AVAILABLE FOR INFORMATION PERTAINING TO THE ITEM.		
	Reply Instructions: Enter data appropriate and in a concise manner to identify informational references covering the item.		
	(e.g., RDALGNAAVAIROIA/VFK58 A-2.2.9*)		
ALL			
	NTRD	A	ENTRY DATE
	Definition: INDICATE THE DATE THE ITEM WAS ENTERED INTO MIL-HDBK-300.		
	Reply Instructions: Enter the date structured in three hyphenated 2 position segments to indicate the last 2 digits of the calendar year, month, and day.		
	(e.g., NTRDA80-05-28*)		
ALL			
	ZZZV	G	FSC APPLICATION DATA
	Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.		

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the next higher classifiable assembly in clear text. (e.g., ZZZVGBEARINGS,ANTIFRICTION,UNMOUNTED*)

ALL

AGAV G END ITEM IDENTIFICATION

Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the applicable reply in clear text.

(e.g., AGAVG3930-00-000-0000*;

AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)

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Reply Tables

Table 1 - NONDEFINITIVE SPEC/STD DATA

NONDEFINITIVE SPEC/STD DATA

REPLY CODE	REPLY (AD08)
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
ML	MATERIAL
MH	MESH
ME	METHOD
MD	MODEL

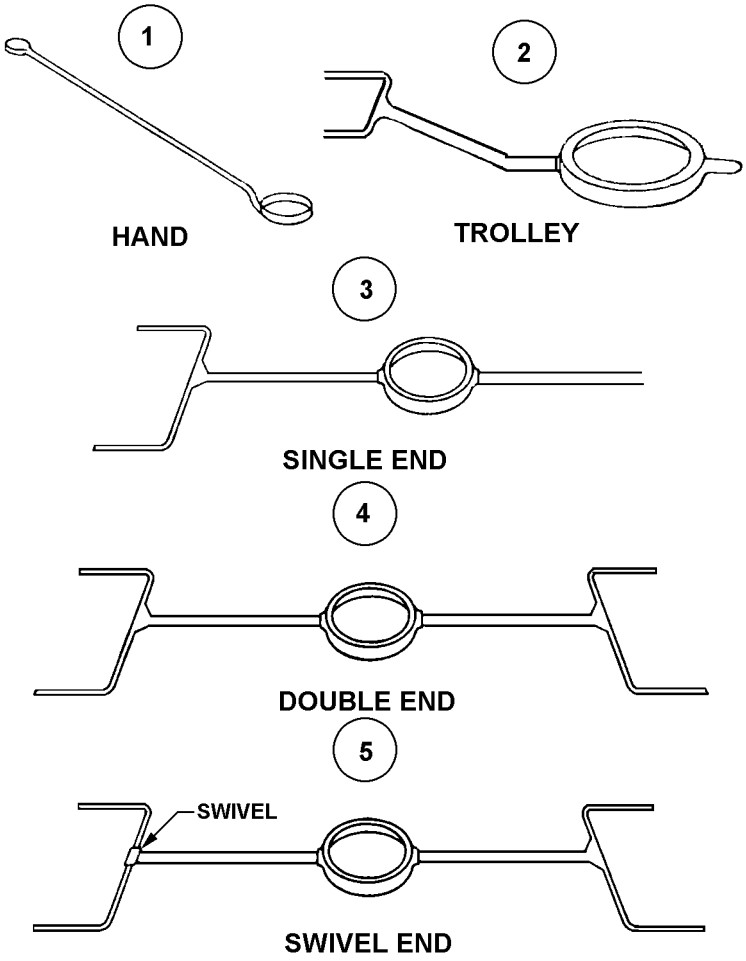
REPLY CODE	REPLY (AD08)
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Reference Drawing Groups

REFERENCE DRAWING GROUP A

CRUCIBLE AND LADLE BOWL SHANKS

(No Requirements)



Technical Data Tables

STANDARD FRACTION TO DECIMAL CONVERSION CHART

4ths	8ths	16ths	32nds	64ths	To 3	To 4	4ths	8ths	16ths	32nds	64ths	To 3	To 4
				1/64	.016	.0156					33/64	.516	.5156
			1/32	-----	.031	.0312				17/32	------	.531	.5312
				3/64	.047	.0469					35/64	.547	.5469
		1/16	-----		.062	.0625			9/16	-----	-----	.562	.5625
				5/64	.078	.0781					37/64	.578	.5781
			3/32	-----	.094	.0938				19/32	------	.594	.5938
				7/64	.109	.1094					39/64	.609	.6094
	1/8	-----	-----	-----	.125	.1250		5/8	-----	-----	-----	.625	.6250
				9/64	.141	.1406					41/64	.641	.6406
			5/32	-----	.156	.1562				21/32	------	.656	.6562
				11/64	.172	.1719					43/64	.672	.6719
		3/16	-----	-----	.188	.1875			11/16	-----	-----	.688	.6875
				13/64	.203	.2031					45/64	.703	.7031
			7/32	------	.219	.2188				23/32	------	.719	.7188
				15/64	.234	.2344					47/64	.734	.7344
1/4	-----	-----	-----	-----	.250	.2500	3/4	-----	-----	-----	-----	.750	.7500
				17/64	.266	.2656					49/64	.766	.7656
			9/32	------	.281	.2812				25/32	------	.781	.7812
				19/64	.297	.2969					51/64	.797	.7969
		5/16	-----	-----	.312	.3125			13/16	-----	-----	.812	.8125
				21/64	.328	.3281					53/64	.828	.8281
			11/32	------	.344	.3438				27/32	------	.844	.8438
				23/64	.359	.3594					55/64	.859	.8594
	3/8	-----	-----	-----	.375	.3750		7/8	-----	-----	-----	.875	.8750
				25/64	.391	.3906					57/64	.891	.8906
			13/32	------	.406	.4062				29/32	------	.906	.9062
				27/64	.422	.4219					59/64	.922	.9219
		7/16	-----	-----	.438	.4375			15/16	-----	-----	.938	.9375
				29/64	.453	.4531					61/64	.953	.9531
			15/32	------	.469	.4688				31/32	------	.969	.9688
				31/64	.484	.4844					63/64	.984	.9844
					.500	.5000						1.000	1.0000

INCH TO DECIMAL OF A FOOT CONVERSION CHART

NOTE: For inches, select inches 0 through 11 from left to right top of chart, read decimal equivalent in column directly below.

Fraction of inch	INCHES											
	0	1	2	3	4	5	6	7	8	9	10	11
0	0.000	0.083	0.167	0.250	0.333	0.417	0.500	0.583	0.667	0.750	0.833	0.917
1/16	.005	.089	.172	.255	.339	.422	.505	.589	.672	.755	.839	.922
1/8	.010	.094	.177	.260	.344	.427	.510	.594	.677	.760	.844	.927
3/16	.016	.099	.182	.266	.349	.432	.516	.599	.682	.766	.849	.932
1/4	.021	.104	.188	.271	.354	.438	.521	.604	.688	.771	.854	.938
5/16	.026	.109	.193	.276	.359	.443	.526	.609	.693	.776	.859	.943
3/8	.031	.115	.198	.281	.365	.448	.531	.615	.698	.781	.865	.948
7/16	.037	.120	.203	.287	.370	.453	.537	.620	.703	.787	.870	.953
1/2	.042	.125	.208	.292	.375	.458	.542	.625	.708	.792	.875	.958
9/16	.047	.130	.214	.297	.380	.464	.547	.630	.714	.797	.880	.964
5/8	.052	.135	.219	.302	.385	.469	.552	.635	.719	.802	.885	.969
11/16	.057	.141	.224	.307	.391	.474	.557	.641	.724	.807	.891	.974
3/4	.063	.146	.229	.313	.396	.479	.563	.646	.729	.813	.896	.979
13/16	.068	.151	.234	.318	.401	.484	.568	.651	.734	.818	.901	.984
7/8	.073	.156	.240	.323	.406	.490	.573	.656	.740	.823	.906	.990
15/16	.078	.162	.245	.328	.412	.495	.578	.662	.745	.828	.912	.995

OUNCE TO DECIMAL OF A POUND CONVERSION CHART

OUNCES	POUNDS
1	0.062
2	0.125
3	0.188
4	0.250
5	0.312
6	0.375
7	0.438
8	0.500
9	0.562
10	0.625
11	0.688
12	0.750

OUNCES	POUNDS
13	0.812
14	0.875
15	0.938
16	1.000

FIIG Change List

FIIG Change List, Effective November 6, 2009

Revised Reply Code HF for MRC ENAC in Section 1 ENERGY EFFICIENT - FEMP - COMMERCIAL AND INDUSTRIAL EQUIPMENT - BOILERS.

ADDED Reply Code LN for MRC ENAC in Section 1 ENERGY EFFICIENT - ENERGY STAR - HEATING AND COOLING - BOILERS.

ADDED Reply Code NR for MRC ENAC in Section 1 REVIEWED - DOES NOT MEET SOME ENAC CRITERIA.